

# Public Transit Mobility Transportation Innovation Program

HOUSE TRANSPORTATION  
COMMITTEE

FEBRUARY 9, 2023







# KNOW & go!

Your resource for finding  
greener travel options  
that will get you where  
you need to go.



BUS INFORMATION



RIDESHARING



TRAIN INFORMATION



FERRY INFORMATION



EV CARS AND CHARGING  
STATIONS



## BUS INFORMATION

- Bus Information
- City to City Bus Routes
- Local Bus Routes



## FERRY INFORMATION

- Ferries



## RIDESHARING

- Carpool
- CarShare
- Commuter Co-op
- Park & Ride Locations



## EV CARS AND CHARGING STATIONS

- Find a Charging Station Near You



## TRAIN INFORMATION

- Trains



# Services at Go! Vermont



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Tools, programs, incentives/services

Initial consultation—requested guidance

Employee survey—sample questions

Employee cluster assessment

Encouragement and capacity building



## GUIDES FOR GETTING AROUND



## NEED INFORMATION IN ADJUVIN COUNTY?

ADJUVIN COUNTY is a one-of-a-kind, exciting community in Adjuvin and Madison counties. With its historic, scenic views and world-class golf, you'll find a lifestyle that's truly unique. And now, you can own a piece of it.

**Call today for your free prospectus or to schedule a visit.**  
 For more information, please call: **800-368-3636** or **800-368-3636**

**Joining your brand new life**  
 Here are exciting things you can expect to see you do.

### ADJUVIN

The Adjuvin area is a beautiful, scenic area with a rich history. It's a great place to live, work, and play. The Adjuvin area is a great place to live, work, and play. The Adjuvin area is a great place to live, work, and play.

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Addison County  
Transportation Guide[illegible]Bennington County  
Transportation Guide



## NEED TRANSPORTATION IN A CRITICAL MOMENT?

Your urgent transportation needs are going to get a quick response. We're here, ready to help, 24/7. Call us now. We'll get you to where you need to go. We'll be there when you need us. We'll be there when you need us. We'll be there when you need us.

**Need transportation in a critical moment? Call us now. We'll get you to where you need to go. We'll be there when you need us. We'll be there when you need us. We'll be there when you need us.**

**Meeting your loved ones. We can get you to where you need to go.**

**1. CALL US**  
We'll get you to where you need to go. We'll be there when you need us. We'll be there when you need us. We'll be there when you need us.

**2. WE'LL GET YOU TO WHERE YOU NEED TO GO**  
We'll get you to where you need to go. We'll be there when you need us. We'll be there when you need us. We'll be there when you need us.

**3. WE'LL BE THERE WHEN YOU NEED US**  
We'll get you to where you need to go. We'll be there when you need us. We'll be there when you need us. We'll be there when you need us.

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We'll get you to where you need to go. We'll be there when you need us. We'll be there when you need us. We'll be there when you need us.

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**19. WE'LL BE THERE WHEN YOU NEED US**  
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**20. WE'LL BE THERE WHEN YOU NEED US**  
We'll get you to where you need to go. We'll be there when you need us. We'll be there when you need us. We'll be there when you need us.

Central Vermont  
Transportation Guide



## NEED TRANSPORTATION IN CHITTENDEN COUNTY?

There are many transportation resources in Chittenden County, Vermont, including public transit, volunteer drivers, and more. We have compiled a list of resources to help you find the transportation you need.

For information on public transit, visit [www.chittenden.org/transportation](http://www.chittenden.org/transportation). For information on volunteer drivers, visit [www.chittenden.org/volunteer-drivers](http://www.chittenden.org/volunteer-drivers). For information on other transportation resources, visit [www.chittenden.org/transportation](http://www.chittenden.org/transportation).

**Getting your transportation needs met can help you get your life back on track.**



### Public Transit

Chittenden County Transit Authority (CCTA) provides public transit services throughout the county. For more information, visit [www.chittenden.org/transportation](http://www.chittenden.org/transportation).

**Chittenden County Transit Authority (CCTA)**  
100 North Main Street, Suite 100  
Chittenden, VT 05701  
Phone: 802.261.1234  
Fax: 802.261.1235  
Website: [www.chittenden.org/transportation](http://www.chittenden.org/transportation)



### Volunteer Drivers

Chittenden County Transit Authority (CCTA) provides volunteer driver services for those who are unable to use public transit. For more information, visit [www.chittenden.org/volunteer-drivers](http://www.chittenden.org/volunteer-drivers).

**Chittenden County Transit Authority (CCTA)**  
100 North Main Street, Suite 100  
Chittenden, VT 05701  
Phone: 802.261.1234  
Fax: 802.261.1235  
Website: [www.chittenden.org/transportation](http://www.chittenden.org/transportation)



### Other Transportation Resources

Chittenden County Transit Authority (CCTA) provides other transportation resources, including wheelchair accessible vehicles and more. For more information, visit [www.chittenden.org/transportation](http://www.chittenden.org/transportation).

**Chittenden County Transit Authority (CCTA)**  
100 North Main Street, Suite 100  
Chittenden, VT 05701  
Phone: 802.261.1234  
Fax: 802.261.1235  
Website: [www.chittenden.org/transportation](http://www.chittenden.org/transportation)



### Bicycle Transportation

Chittenden County Transit Authority (CCTA) provides bicycle transportation services, including bicycle racks and more. For more information, visit [www.chittenden.org/transportation](http://www.chittenden.org/transportation).

**Chittenden County Transit Authority (CCTA)**  
100 North Main Street, Suite 100  
Chittenden, VT 05701  
Phone: 802.261.1234  
Fax: 802.261.1235  
Website: [www.chittenden.org/transportation](http://www.chittenden.org/transportation)



### Motorcycle Transportation

Chittenden County Transit Authority (CCTA) provides motorcycle transportation services, including motorcycle racks and more. For more information, visit [www.chittenden.org/transportation](http://www.chittenden.org/transportation).

**Chittenden County Transit Authority (CCTA)**  
100 North Main Street, Suite 100  
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Chittenden County  
Transportation Guide[illegible]

# Franklin and Grand Isle Counties Transportation Guide

[illegible]Lamoille County  
Transportation Guide[illegible]

## Northeast Kingdom Transportation Guide

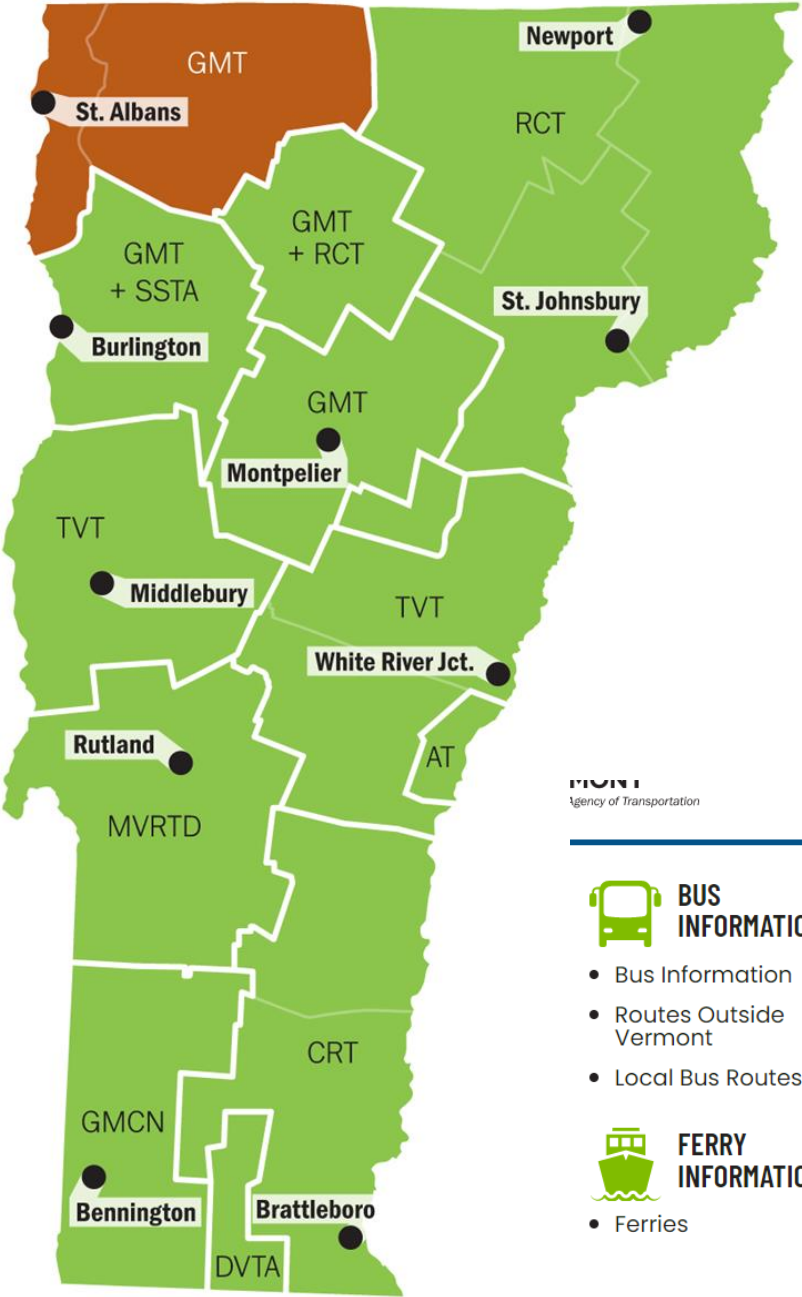
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Orange & Northern  
Windsor County  
Transportation Guide

[illegible]Upper Valley  
Transportation Guide[illegible]Windham County  
Transportation Guide



SELECT YOUR REGION ON THE MAP TO VIEW AVAILABLE SERVICES IN THE AREA.



**FRANKLIN, CHITTENDEN,  
LAMOILLE AND  
WASHINGTON COUNTIES**

Green Mountain Transit

1-866-864-0211 (toll-free)

VERMONT  
Agency of Transportation

Information & Schedules

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**BUS  
INFORMATION**

- Bus Information
- Routes Outside Vermont
- Local Bus Routes



**FERRY  
INFORMATION**

- Ferries



**RIDESHARING**

- Carpool
- CarShare
- Commuter Co-op
- Park & Ride Locations



**EV CARS AND  
CHARGING  
STATIONS**

- Find a Charging Station Near You



**TRAIN  
INFORMATION**

- Trains



## Find Rides:

For my commute (to work or school) ▼

A

Montpelier, VT, USA

B

Burlington, VT, USA



Matches



Carpoolers



Drivers



Riders



31

carpoolers



0

vanpools



3

transit routes



1

bike route



1

walk route



varsharacha

211 feet

Department of labor Burling...



alana5786

0.45 mi

Vermont Violins



scott1017

1.4 mi

University of Vermont



michael1007

1.5 mi

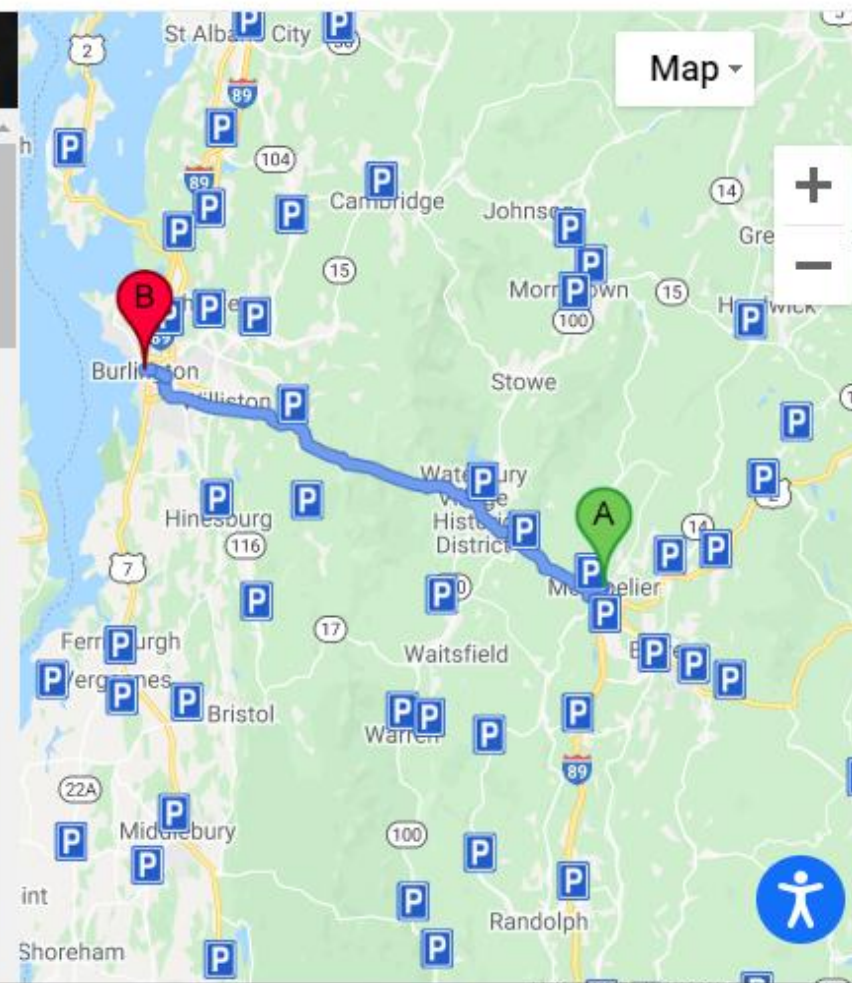
University of Vermont



mara76

3.4 mi

Beta Technologies





# TRACK YOUR BUS



transit



VERMONT

IS UPGRADING YOU TO



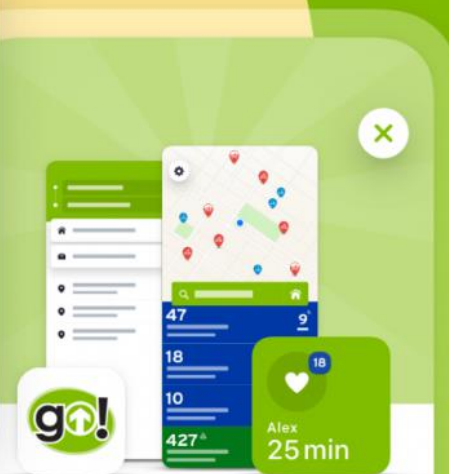
transit<sup>®</sup>  
royale

## You're getting the Royale treatment

Go! Vermont insists on the best for their riders. So they partnered with Transit to level up your commute.

That's right: since you ride Go! Vermont regularly, you automatically qualify for a free subscription to Transit Royale 🎉

Redeem free Royale



App icon   Accent color

OFFICIAL



## Level up your commute

Go! Vermont has you covered



transit



VERMONT





All trips ▾	All modes ▾	Carpool ▾
Recorded trips	53,909	7,521
Participants	413	80
Avg trip distance (mi)	13.5	30
Avg vehicle occupancy	-	2.3
Reduced trips	63,586	7,035
Reduced miles (VMT)	776,012	211,266
Gallons of gas saved	34,048	9,423
Reduced NOx (lbs)	1,018	277
Reduced VOC (lbs)	1,004	273
Reduced PM 2.5 (lbs)	14.8	4.04
Reduced CO (tons)	2.66	0.72
Reduced CO2 (tons)	334	92.3
Money saved	\$470,945	\$128,599
Calories burned	3,569,038	-



# Mobility and Transportation Innovation Focus

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Support innovative strategies and projects that improve both mobility and access to services for:

- Transit-dependent Vermonters,
- Reduce the use of single occupancy vehicles, and
- Reduce greenhouse gas emissions.



Project Types	Year 1	Year 2	Year 3
Microtransit Pilots	2	1	6
Bike Share/E Bike Programs	4	1	2
Walking Programs	0	0	1
Public Transit Rider Support	3	2	2
Telework Resources	1	0	0
Carshare/Mobility Support	3	1	2
Transportation Demand Activity Support	0	2	1



# Year 1 Project Highlights



## Program Impacts:

- Number of students served by MTI bike rack program: 145
- Projected lifetime impact of bike racks: 1000+ students
- Number of schools served by: 8
- Number of racks provided: 20
- Number of counties served by: 6

*"We had quite a few of our bikers out yesterday [due to COVID] but still had a new bike on the rack!" ~Twinfield School*

## Conclusions & Lessons Learned:

Despite COVID having a significant impact on our ability to gather robust data on rack usage (schools were closed regularly during the fall), through this project, we have learned that there is **significant** demand and pervasive unmet need for bike parking in Vermont schools.



**Prior to receipt of MTI racks, Bristol students had no racks and were laying their bikes on the grass and against bushes**



## Program Impacts:

- 210 multi-day e-bike loan reservations were made by 177 individuals from 36 unique Vermont communities.
- 75% of post-loan survey respondents reported that owning an e-bike would increase the frequency or distance of their transportation bike trips.
- 32% of respondents have already purchased or plan to purchase an e-bike within the next year.



*“Had a glorious morning completing some business tasks using the bike. It was great!”*

*“I picked up my CSA on the bike, that was very cool.”*

*“No parking problems, fresh air and exercise, no worries about hills or accelerating into traffic.... it was easy and convenient. It gave me the experience I needed to buy one- I had been intrigued.”*



# MTI 2021 Grant Final Report

**Grantee:** Vital Communities

**Project Title:** Upper Valley E-Bike Subsidy Program

## **Apply for a FULL (up to \$2300) Subsidy if...**

- I struggle to pay for housing, or have been unhoused in the last 12 months.
- I am eligible for food stamps, Medicaid or disability.
- I'm an elder (over 65) or have a physical condition that makes it hard to ride a regular bike.
- I experience discrimination in hiring or pay level based on my race, gender, sexuality, felony record, or other parts of who I am.
- I am a migrant worker or refugee.
- I am Black or Indigenous.

## **Apply for a Medium (\$1500) Subsidy if...**

- The covid19 pandemic has severely impacted my income and/or living situation.
- I support children or dependents.
- I have student loans or was among the first in my family to go to college.
- I can't take days off work and still cover my monthly bills.
- I live paycheck to paycheck and have limited or no savings.

## **Apply for a Small (\$1000) Subsidy if...**

- I can meet my housing needs without assistance.
- I can rely on family members for financial support in times of need.
- I have a salaried job and/or regular paychecks, and feel confident in job security.
- I have a degree and/or technical training that contributes to my earning power.
- I have access to reliable transportation or live within 1 mile of an Advance Transit bus stop.

## **Apply for a 0% interest loan if....**

- I own my home.
- I have salaried or high hourly wages for full or part time work, or am unemployed or part time employed by choice.
- I own or lease a car.
- My race, ethnicity, skin color, sexuality, or gender identity doesn't impact my income.
- I have high earning power (even if I'm not using it now).
- I am able bodied and do not struggle with mobility access.



Figure 3: Participant on his new folding fat tire e-bike

### Summary of tracked metrics (Metrics below for reference)

- (a) Number of people purchasing e-bikes through our program
- (b) Number of e-bike trips reported by program participants in one, three, and six months after purchase
- (c) Percentage of participants able to sell their car or otherwise improve their transportation experience by using their e-bike.
- (d) Percentage of participant indicating a positive experience with the program
- (e) Percentage of Upper Valley E-Bike Library users that buy a bike
- (f) Number of new e-bike inquiries by low-income participants
- (g) Amount of carbon savings over the course of the program

Due to the adapted priorities of the pilot, most original metrics are no longer the best indicators of success of this program, or pertain information yet to be collected.

For (a) Number of people purchasing e-bike through our program: 15 individually owned e-bikes and 1 shared used e-bike for 16 e-bikes total and approx. 23 individuals now e-biking as their primary transportation

For (c) percentage of participants able to improve their transportation experience, 100% of participants' transportation range and options have been improved, providing access to job opportunities and reliable transportation to meet basic needs.

For (f) number of new e-bike inquiries by low-income participants, 46 out of 50 of our applicants would likely qualify as low income, though income was not the final determinant of eligibility.





Grantee Name	Project Titles
CATMA	CATMA Program Support
Capstone	Mobility and Equity Program
LCPC	Lamoille County Community Rides Study
UVM	TDM Marketing - Research and Public Campaign Vision
LocalMotion	Satellite E-Bike Lending Libraries Phase II
VEIC	Future of Rural Transit
Sustainable Montpelier Coalition	Program Support for MyRide community Engagement

# Year 2 Projects Highlights





# **Future of Rural Transit: Combined School and Public Transportation Feasibility Study**



**MyRide by GMT** is a new flexible-schedule, flexible-route service in Montpelier. Operated by GMT, MyRide features technology-enabled vehicles that provide curb-to-curb service, taking you when and where you need to go.

Passengers can book trips online [HERE](#), by phone by calling 802-223-7287 (option 2), and via the MyRide by GMT app.

The **MyRide by GMT** app is available for download at the [Apple Store](#) and [Google Play Store](#).

Schedule rides in  
advance straight  
from your phone.



Tell us where  
you're going.



Choose a  
ride option.



Track your ride in  
real-time.





MTI Grants Metrics Tracking	Totals Year 1	Totals Year 2
Total Engagement (Individuals and Organizations)	3804	6407
Vehicle Miles Traveled Reduction	11403	N/A
E-Bikes Purchased	216	54
CO2 Reduction (Metric Tons)	25.51	5.7
CO2 Reduction Equivalent to Charging	3.1 Million Smartphones	700,000 Smartphones
As reported on 12/31/22 by Grantees		



MTI Grant Years	Total Awarded	Engagement (Cost per Individuals and Organization)	CO2 Reduction (Cost per Metric Ton)
Year 1 Planning	\$243,475	\$71	N/A
Year 1 Projects	\$256,525	\$623	\$10,056
Year 2 Planning	\$270,751	\$45	N/A
Year 2 Projects	\$60,400	\$178	\$10,596
Year 3 Planning	\$344,135	N/A	N/A
Year 3 Projects	\$640,628	N/A	N/A
GoVermont 2022	\$526,931	\$10*	\$1,785

\*Cost Per Trip



# Year 3 Project Highlights



Grantee Name	Project Titles
Advance Transit	Eliminating Information Barriers and Building Incentive for Transit Usage
Lamoille Community House	Lamoille Community House E-Bikes
CarShare VT	Expanding CarShare Vermont to Winooski
NetZero Vermont	Expanding Montpelier E-Bike Lending Library
	Walk to Shop
Bugbee Senior Center	Life After Driving: Freedom and Mobility while Aging in Place
VEEP	Transportation Initiatives in Education 2022
Vital Communities	Upper Valley TDM Programming
Town of Williston	Microtransit Feasibility Study
RCT	Microtransit Operations
GMCN	Microtransit Operations
SEVT	Microtransit Operations
GMT Montpelier	Microtransit Operations
GMT Barre	Microtransit Operations



STATE OF VERMONT  
**Agency of Transportation**

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- Finance & Administration
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- Rail
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- Public Transit
- DMV
- Publications and Maps

## MOBILITY AND TRANSPORTATION INNOVATIONS (MTI) GRANT PROGRAM

Enabled by the Legislature with the passage of the 2020 Transportation Bill ([Act 121](#)), the Vermont Agency of Transportation is pleased to announce the Mobility and Transportation Innovation (MTI) Grant Program. The program is designed to support innovative strategies and projects that improve both mobility and access to services for transit-dependent Vermonters, reduce the use of single occupancy vehicles, and reduce greenhouse gas emissions.



### Focal Areas:

- Extension of existing TDM programs
- Creation of new TDM programs
- Creation and marketing of TDM Resources
- Expansion of first mile/last mile programs
- Support for employers and/or employees to adopt TDM measures (including incentives), in collaboration with an existing or new TDM program provider



# Mobility and Transportation Innovation (MTI) Grant Program



**\$500,000 in funding SFY24:**

- Extension of existing TDM programs
- Creation of new TDM programs
- Creation and marketing of TDM Resources
- Expansion of first mile/last mile programs
- Support for employers and/or employees to adopt TDM measures (including incentives), in collaboration with an existing or new TDM program provider
- Implementation of planned TDM programs (bike share, car share, microtransit, etc.)





# REPORT TO THE LEGISLATURE PURSUANT TO ACT 184 OF 2022, SECTION 16

## Report on Impacts of Zero-Fare Transit Service in State Fiscal Year 2024

### RURAL

- FTA funds to VTrans to disburse to Rural Public Transit (PT) services (“5311”)
- 7 providers, serving every rural town to some extent (fixed, demand response)
- Budgeted through VTrans budget committee and annual negotiations with each PT provider. PT budgets are approved by respective BODs.
- Mid-year adjustments to align with fiscal year activities and needs
- Fares would account for roughly \$500k total for \$10m in operations (5%).
- FHWA “Flex” of up to \$23m for admin, ops, capital, new starts, etc.

### URBAN

- FTA funds granted to GMT-Urban to use for services (“5307”)
- Serving Burlington, and abutting communities in Chittenden County
- Budget derived through GMT Finance and other committees. Full BOC approves.
- VTrans provides average (6 years) of \$7.5m in federal and \$2.5M in State funds.
- Fares would account for roughly \$2m total for \$11m in operations (18%)
- FHWA “Flex” of over \$3m annually.



# Two Service Categories – Two Fare Policies

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## RURAL

- Limited service and ability to access system
- 1/3 of the Rural routes/service were zero-fare before pandemic. 2 PT providers were entirely zero-fare
- Cost of handling fares can be up to 30% of revenue
- Will review annually and keep zero-fares in place if it doesn't mean service cuts to successful routes
- Plan to charge fares on Microtransit services

## URBAN

- Robust service and maybe possible to live without a car
- GMT routes have always had a fare
- Cost of handling fares is much lower (1.7% cited in report, but even with FTE and capturing other costs, it is likely less than 10%)
- Prioritizing routes and other budget impacts (ADA, NEMT)



# THANK YOU

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PUBLIC TRANSIT PROGRAM – ROSS MACDONALD, DAN CURRIER,  
STEPHANIE REILLY, TAMMY FAY, TIM BRADSHAW AND SUSAN BAILEY

[ROSS.MACDONALD@VERMONT.GOV](mailto:ROSS.MACDONALD@VERMONT.GOV)

802-522-7120